

SEQUENCE LISTING

<110> CropDesign N.V.
 <120> Plants having increased yield and method for making the same
 <130> CD-106-PCT
 <150> US 60/532,287
 <151> 2003-12-22
 <160> 5
 <170> PatentIn version 3.3
 <210> 1
 <211> 1311
 <212> DNA
 <213> *Arabidopsis thaliana*
 <220>
 <221> misc_feature
 <223> A variant of the coding sequence of the sequence deposited under accession number NM_121168 contains a G instead of C on position 851 and a T instead of C on position 1295
 <400> 1

atgtattgt	cttcttcgt	gcatccaaat	gcaaacaaag	aaaatatctc	tacttcagat	60
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gtatcaatac	ctccaacaaa	accttccttt	aaacagcaaa	agagacgtgc	agtacttaag	180
gatgtgagta	atacctctgc	agatattatt	tattcagaac	ttcgaaaggg	aggcaacatc	240
aaggcaaca	gaaaatgtct	aaaagagcct	aaaaaagcag	caaaggaagg	tgctaacagt	300
gccatggata	ttctggtaga	tatgcataca	gaaaaatcaa	aattagcaga	agattttgtcc	360
aagatcagga	tggctgaagc	ccaagatgtc	tctctttcaa	actttaaaga	tgaagaaatt	420
actgagcaac	aagaagatgg	atcaggtgtc	atggagttac	ttcaagttgt	agatattgtat	480
tccaaacgtcg	aagatccaca	gtgttgacgc	ttgttatgtc	ctgatata	tgacaacata	540
catgttgcag	agcttcaaca	acgacccttg	gctaattata	tggagcttgc	gcagcgagat	600
atcgaccac	acatgagaaa	gattctgatt	gactggcttgc	tagaagtttc	tgacgactac	660
aagctgggtc	cagatacgct	ttacattaca	gtgaatctta	tcgaccgggtt	tctgtccaac	720
agttacattg	aaaggcaaaag	actccagctc	cttgggtgtct	cttgcatgt	tatagcttca	780
aaatatgaag	agctttccgc	accaggggtg	gaggagttt	gcttcattac	ggccaacaca	840
tacacaagac	cagaagtgc	gagcatggag	attcaaattc	taaattttgt	gcactttaga	900
ttatcggttc	ctaccaccaa	aacatttctg	aggcggttca	ttaaagcagc	tcaagcttgc	960
tacaagggtgc	ctttcattga	actggagtat	ttagcaact	atctcgccga	attgacactg	1020
gtggaatata	gttccctaag	gttcctgcca	tcactaatttgc	ctgcttcagc	tgttttccta	1080
gcccgtatgg	cactcgacca	aactgaccat	ccttggaaacc	ctactctgc	acactacacc	1140
agatatgagg	tagctgagct	gaagaacaca	gttctcgcca	tggaggactt	gcagctcaac	1200
accagtggct	gtactctcg	tgccacccgt	gagaaataca	accaaccaaa	gtttaagagc	1260
gtggcaaagc	tgacatctcc	caaacgagtc	acatcaactat	tctcaagatg	a	1311

<210> 2
 <211> 436
 <212> PRT
 <213> *Arabidopsis thaliana*
 <220>
 <221> MISC_FEATURE
 <223> A variant of the sequence deposited under accession number NP_568248 contains an arginine instead of a proline on position

284 and a phenylalanine instead of a serine on position 432

<400> 2
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 1 5 10 15
 Ser Thr Ser Asp Val Gln Glu Ser Phe Val Arg Ile Thr Arg Ser Arg
 20 25 30
 Ala Lys Lys Ala Met Gly Arg Gly Val Ser Ile Pro Pro Thr Lys Pro
 35 40 45
 Ser Phe Lys Gln Gln Lys Arg Arg Ala Val Leu Lys Asp Val Ser Asn
 50 55 60
 Thr Ser Ala Asp Ile Ile Tyr Ser Glu Leu Arg Lys Gly Gly Asn Ile
 65 70 75 80
 Lys Ala Asn Arg Lys Cys Leu Lys Glu Pro Lys Lys Ala Ala Lys Glu
 85 90 95
 Gly Ala Asn Ser Ala Met Asp Ile Leu Val Asp Met His Thr Glu Lys
 100 105 110
 Ser Lys Leu Ala Glu Asp Leu Ser Lys Ile Arg Met Ala Glu Ala Gln
 115 120 125
 Asp Val Ser Leu Ser Asn Phe Lys Asp Glu Glu Ile Thr Glu Gln Gln
 130 135 140
 Glu Asp Gly Ser Gly Val Met Glu Leu Leu Gln Val Val Asp Ile Asp
 145 150 155 160
 Ser Asn Val Glu Asp Pro Gln Cys Cys Ser Leu Tyr Ala Ala Asp Ile
 165 170 175
 Tyr Asp Asn Ile His Val Ala Glu Leu Gln Gln Arg Pro Leu Ala Asn
 180 185 190
 Tyr Met Glu Leu Val Gln Arg Asp Ile Asp Pro Asp Met Arg Lys Ile
 195 200 205
 Leu Ile Asp Trp Leu Val Glu Val Ser Asp Asp Tyr Lys Leu Val Pro
 210 215 220
 Asp Thr Leu Tyr Leu Thr Val Asn Leu Ile Asp Arg Phe Leu Ser Asn
 225 230 235 240
 Ser Tyr Ile Glu Arg Gln Arg Leu Gln Leu Leu Gly Val Ser Cys Met
 245 250 255
 Leu Ile Ala Ser Lys Tyr Glu Glu Leu Ser Ala Pro Gly Val Glu Glu
 260 265 270
 Phe Cys Phe Ile Thr Ala Asn Thr Tyr Thr Arg Pro Glu Val Leu Ser
 275 280 285
 Met Glu Ile Gln Ile Leu Asn Phe Val His Phe Arg Leu Ser Val Pro
 290 295 300

Thr Thr Lys Thr Phe Leu Arg Arg Phe Ile Lys Ala Ala Gln Ala Ser
 305 310 315 320

Tyr Lys Val Pro Phe Ile Glu Leu Glu Tyr Leu Ala Asn Tyr Leu Ala
 325 330 335

Glu Leu Thr Leu Val Glu Tyr Ser Phe Leu Arg Phe Leu Pro Ser Leu
 340 345 350

Ile Ala Ala Ser Ala Val Phe Leu Ala Arg Trp Thr Leu Asp Gln Thr
 355 360 365

Asp His Pro Trp Asn Pro Thr Leu Gln His Tyr Thr Arg Tyr Glu Val
 370 375 380

Ala Glu Leu Lys Asn Thr Val Leu Ala Met Glu Asp Leu Gln Leu Asn
 385 390 395 400

Thr Ser Gly Cys Thr Leu Ala Ala Thr Arg Glu Lys Tyr Asn Gln Pro
 405 410 415

Lys Phe Lys Ser Val Ala Lys Leu Thr Ser Pro Lys Arg Val Thr Ser
 420 425 430

Leu Phe Ser Arg
 435

<210> 3
 <211> 654

<212> DNA

<213> Oryza sativa

<400> 3
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 ttattgtaaa gttctacaaa gctaatttaa aagttattgc attaacttta ttcatattac 180
 aaacaagagt gtcaatggaa caatgaaaac catatgacat actataattt tgtttttatt 240
 attgaaatta tataattcaa agagaataaa tccacatagc cgtaaagttc tacatgtgg 300
 gcattaccaa aatataatata gcttacaaaaa catgacaagc tttagttgaa aaattgcaat 360
 ccttatcaca ttgacacata aagtgagtga tgagtataa tattatttc tttgctaccc 420
 atcatgtata tatgatagcc acaaaggtaa tttgatgatg atatcaaaga acatttttag 480
 gtgcacctaa cagaatatcc aaataatatg actcacttag atcataatag agcatcaagt 540
 aaaactaaca ctctaaagca accgatggaa aagcatctat aaatagacaa gcacaatgaa 600
 aatcctcattc atccttcacc acaattcaaa tattatagtt gaagcatagt agta 654

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 <211> 56

<212> DNA

<213> Artificial sequence

<220>
 <223> primer PRM582

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<210> 5
 <211> 52

<212> DNA
<213> Artificial sequence

<220>
<223> primer PRM583

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